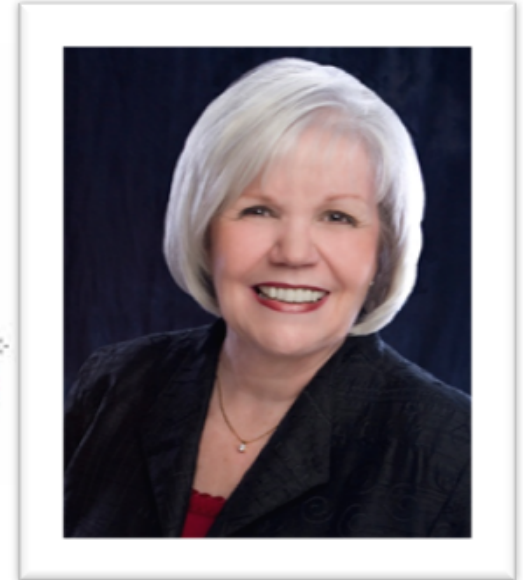


Infrared-Body

Basic Thermal Physiology



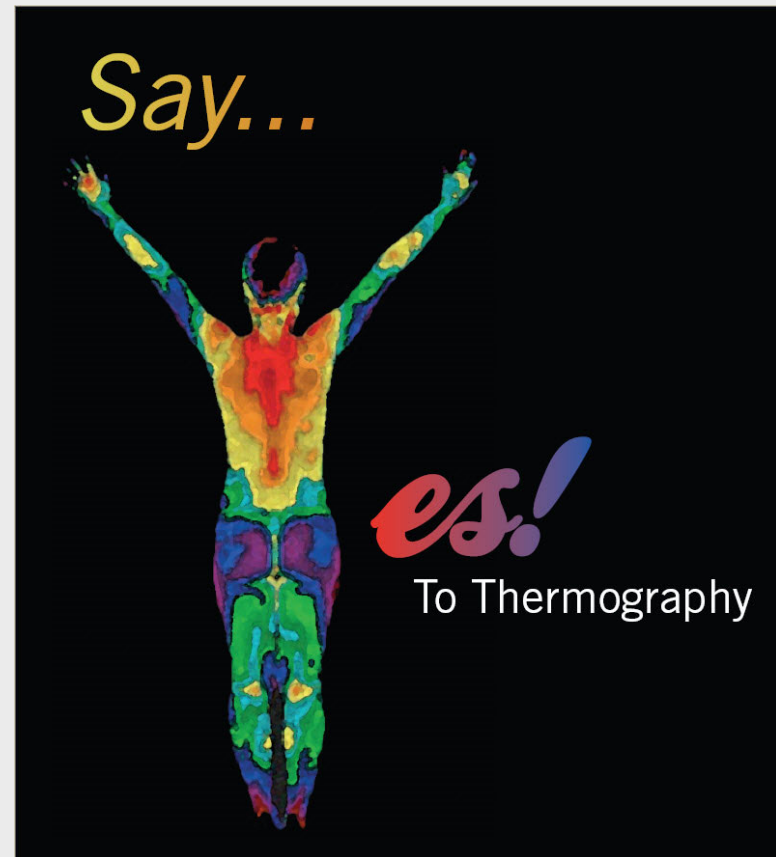
Kristin Burton, Owner of Med-Hot
CCT, CNHP, Master Trainer



Dr. Carol Chandler, Founder of Med-Hot
CCT, DOM, Master Trainer

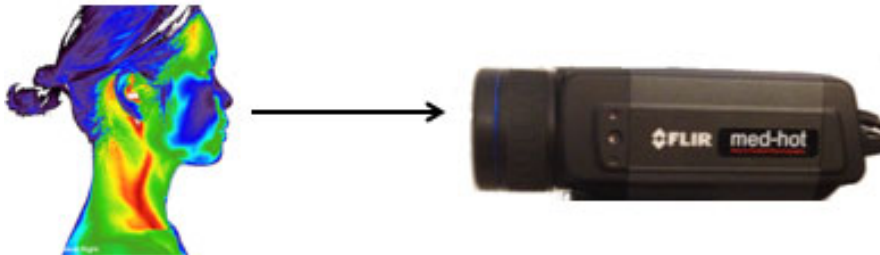


Why say “Yes”
Thermography?

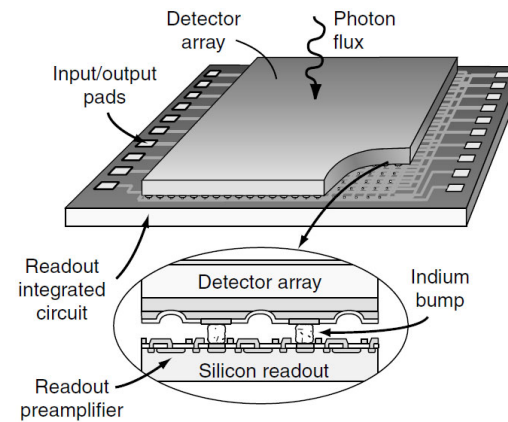


An Infrared Detector (Camera) is NOT a Thermometer

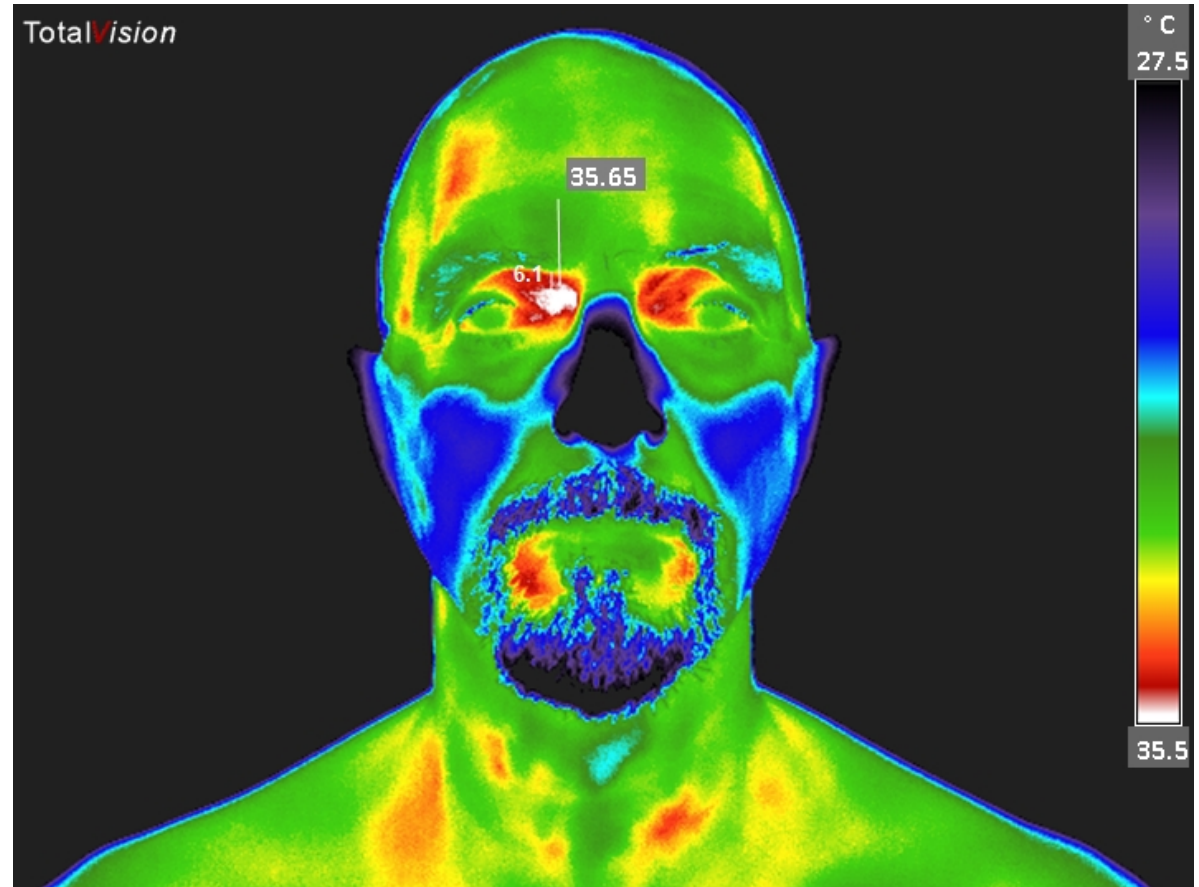
Converting Photon Signals to Heat



Temperature Conversion is a complex integration of technology, image processing, algorithms and data bases

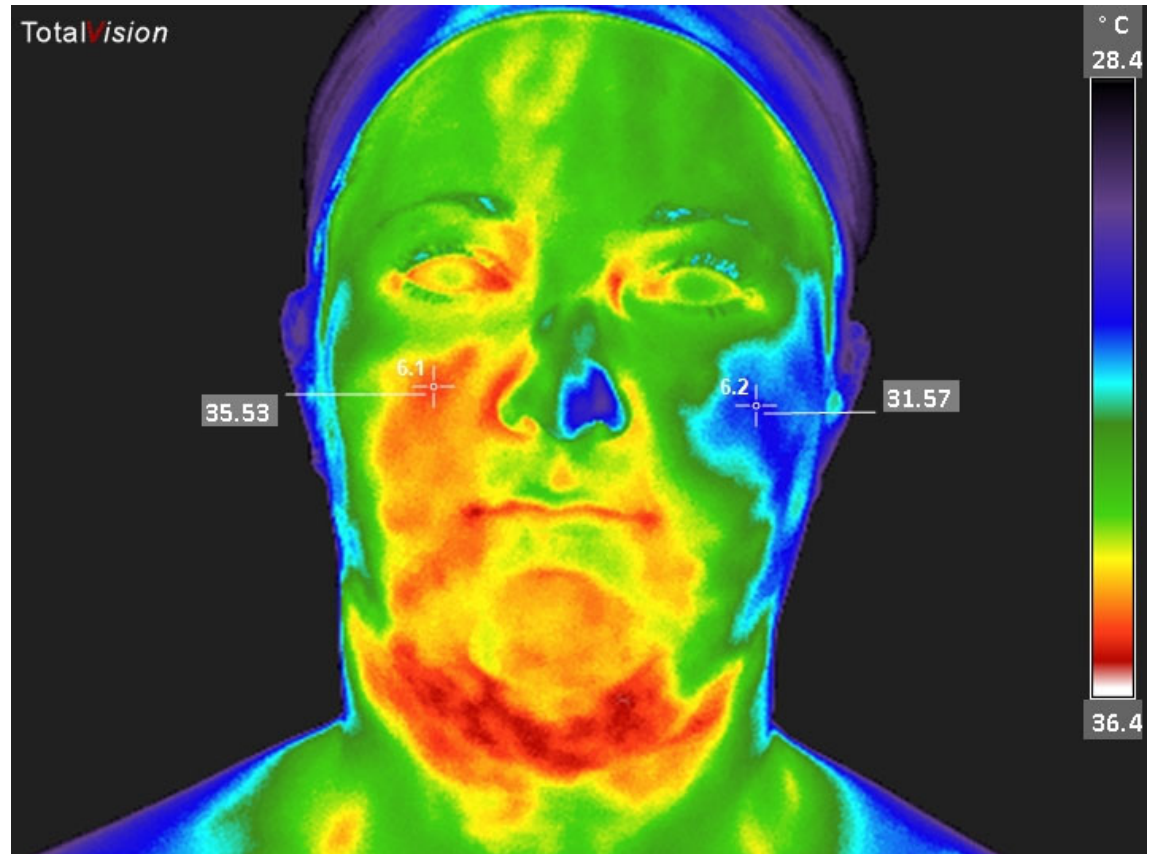


An Infrared
Detector
(Camera) is not
a Thermometer



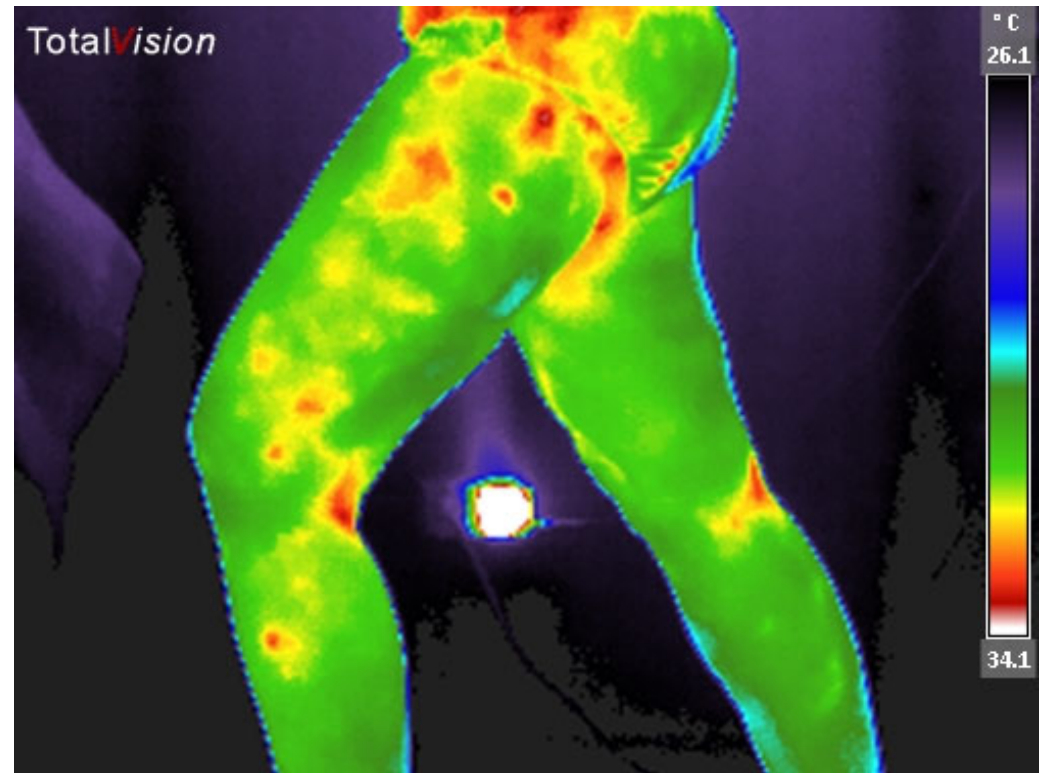
35.65°C (96.17 °F) is his skin temperature
NOT his basal (internal) temperature

An Infrared
Detector
(Camera) is Not a
Thermometer...
But we Don't
Care!

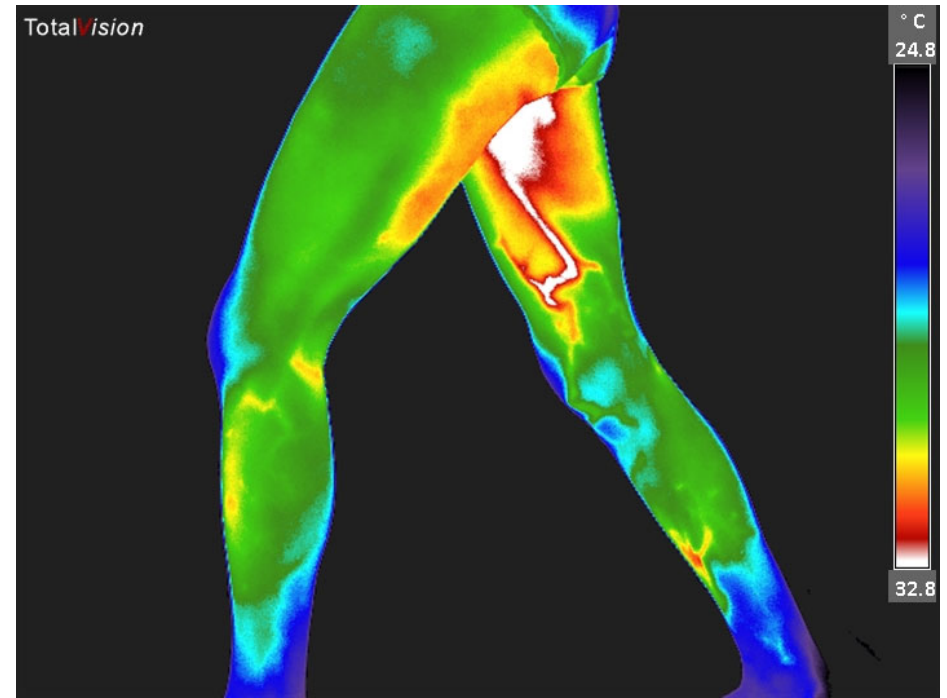
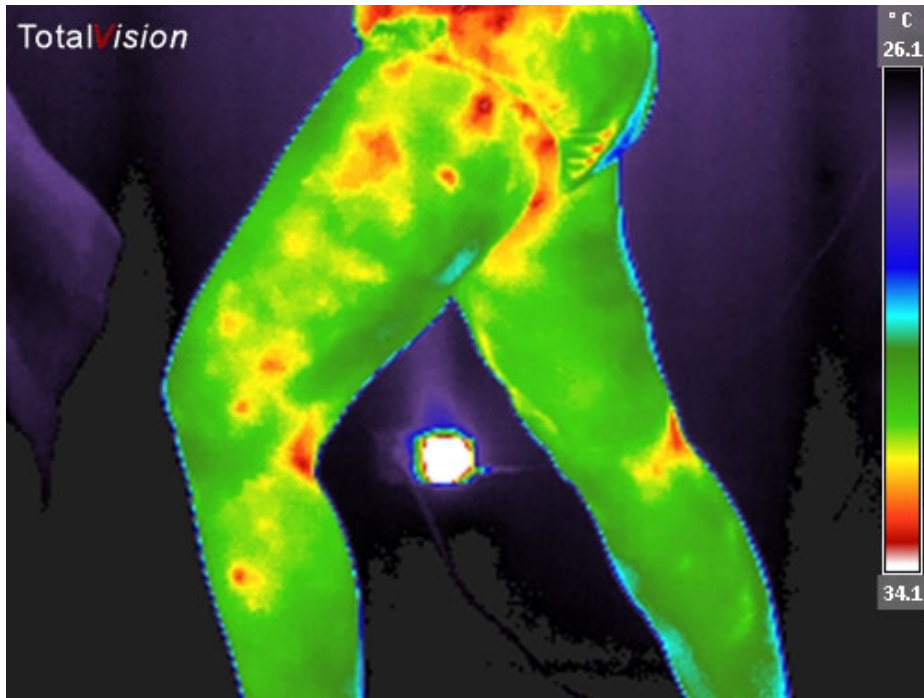


We care about the **asymmetry**...3.96° C difference!
(.5° is expected ΔT tolerance on the face)

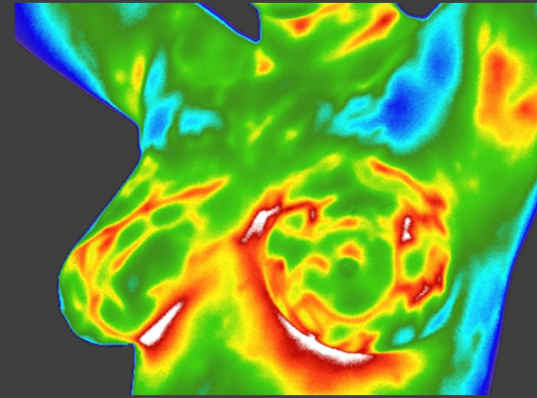
Thermal detector is affected by fluctuations of heat between the detector & the background



**No Artifacts in the view...
Clinical protocols are emphasized!**

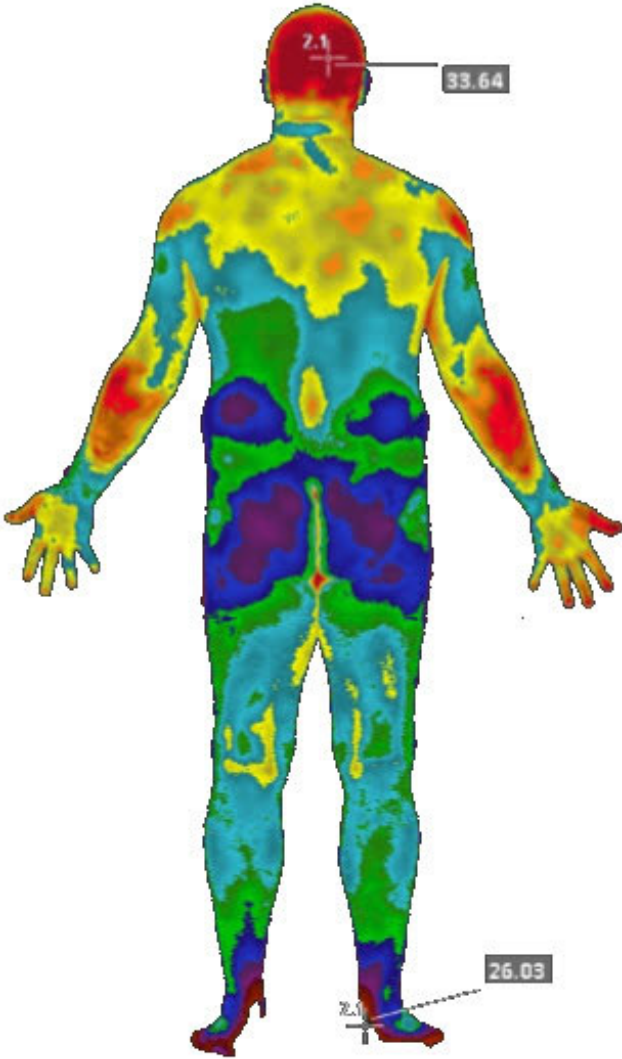
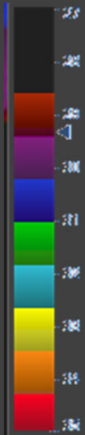


Room Protocol, Essential and...Professional



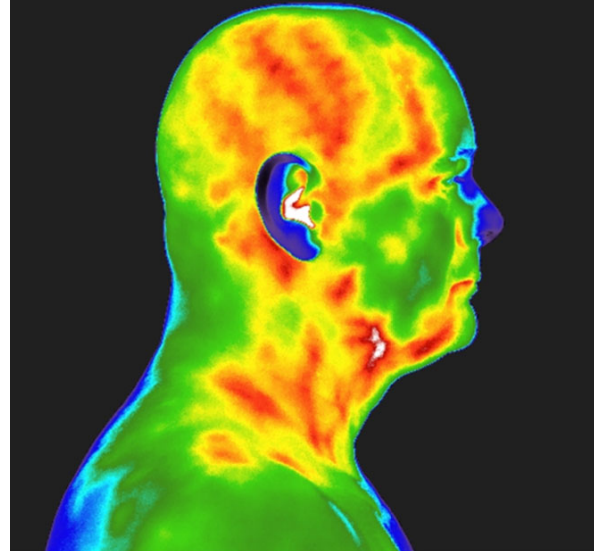
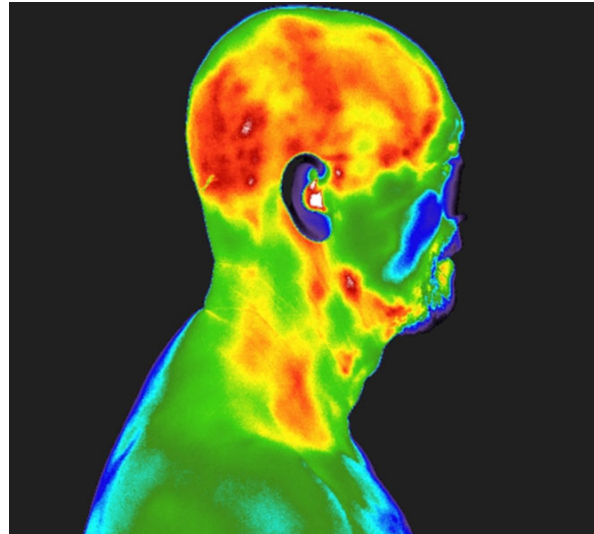
What Am I
Looking At?

Thermal Facts



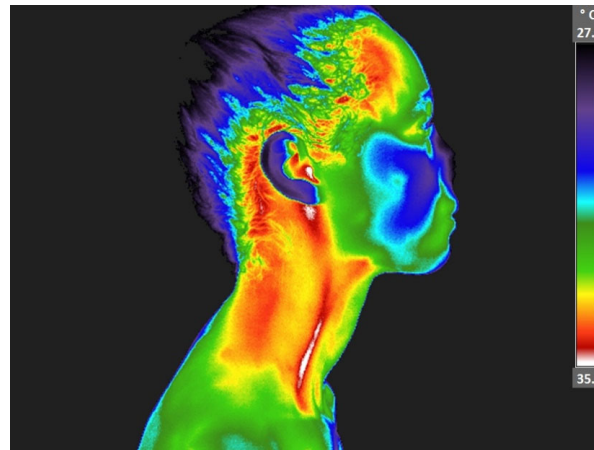
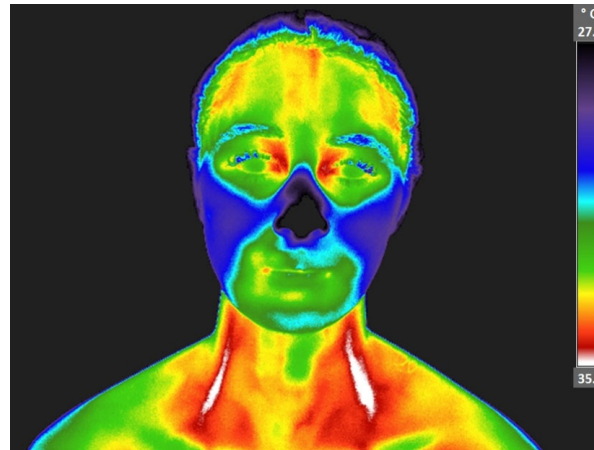
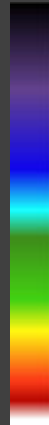
The average temperature variation from head to toe is 8° C (14.4°F)

Thermal Facts



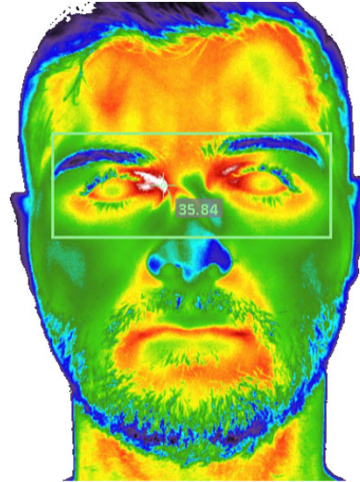
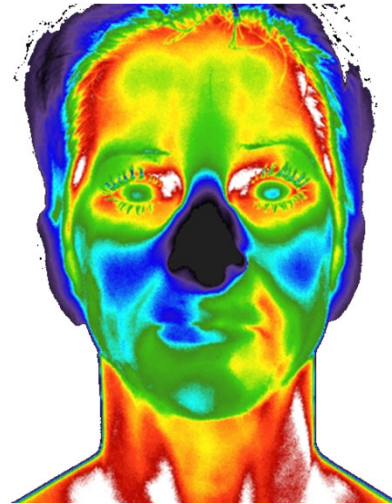
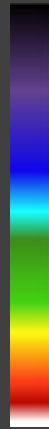
**The blood
vessels in the
head do not
vaso-constrict**

Thermal Facts



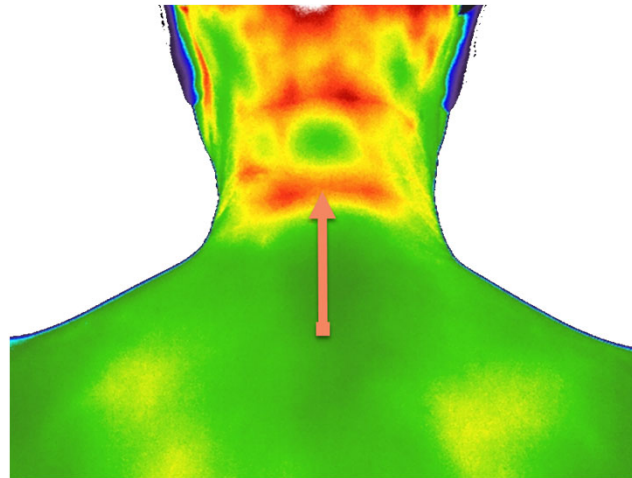
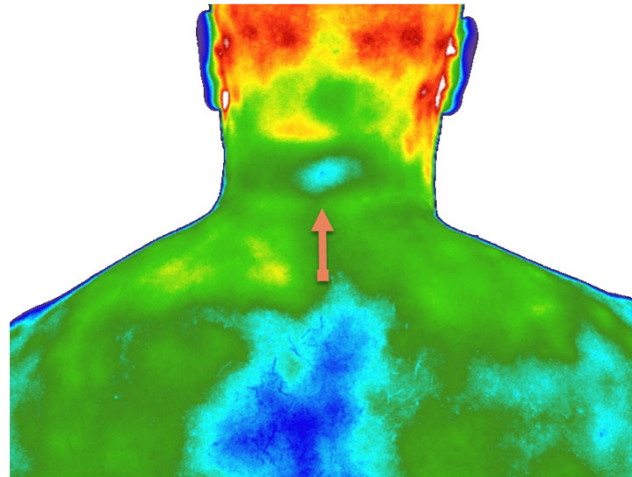
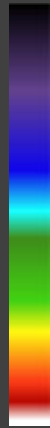
Healthy ears, nose and cheeks are expected to be colder than the rest of the face.

Thermal Facts



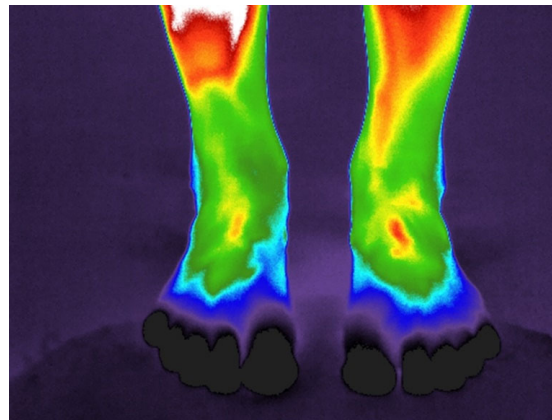
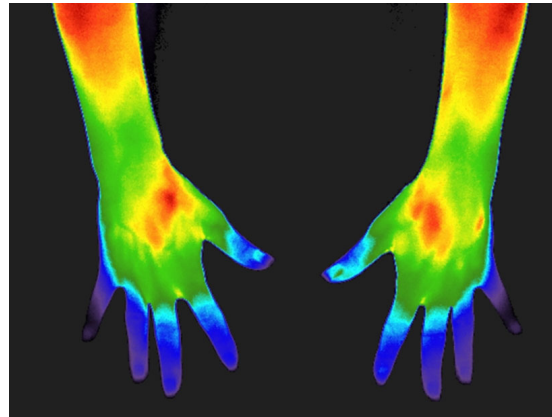
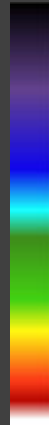
**The inner canthus
of the eyes is the
most hyperthermic
region on the face**

Thermal Facts



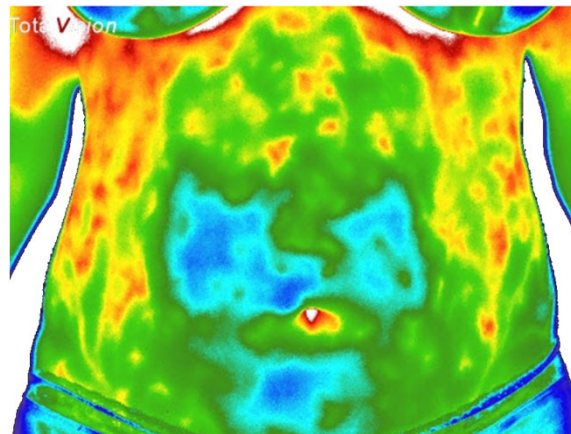
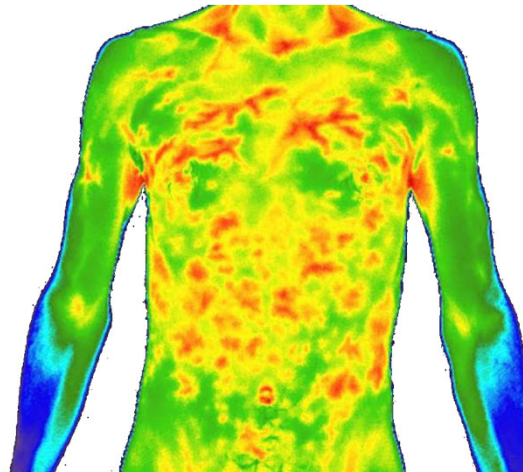
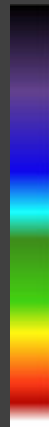
**A pinched nerve
in the neck
presents as a
relatively COLD
spot**

Thermal Facts



Healthy fingers and toes are expected to be colder than the arms & legs

Thermal Facts



Visualizing Stress
Thermal effects of
excess circulating
cortisol, the stress
hormone



Want to Learn
More?

Contact Kristin Burton -

Thermography Master Trainer

Kburton@med-hot.com

352-818-3668

Reference

Order on Amazon

